Re-evaluation Decision RVD2018-18

Zinc Oxide and Its Associated End-use Products (Swimming Pool and Spa Uses)

Final Decision

(publié aussi en français)

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Re-evaluation Decision

Under the authority of the *Pest Control Products Act*, all registered pesticides must be regularly re-evaluated by Health Canada's Pest Management Regulatory Agency (PMRA) to ensure that they continue to meet current health and environmental safety standards and continue to have value. The re-evaluation considers data and information from pesticide manufacturers, published scientific reports and other regulatory agencies. The PMRA applies internationally accepted risk assessment methods as well as current risk management approaches and policies.

Zinc oxide possesses antimicrobial properties and it is registered for use in domestic class swimming pool and spa products. Zinc oxide is co-formulated with trichloro-s-triazinetrione, which releases free chlorine when in contact with water. Currently registered products containing zinc oxide for swimming pool and spa uses are listed in Appendix I.

This document presents the final regulatory decision[1] for the swimming pool and spa uses of zinc oxide, including the required risk mitigation measures to protect human health and the environment. All pest control products containing zinc oxide for swimming pool and spa uses that are registered in Canada are subject to this re-evaluation decision. This re-evaluation decision has undergone a 90-day consultation period as the Proposed Re-evaluation Decision PRVD2017-17, *Zinc Oxide and Its Associated End-use Products (Swimming Pool and Spa Uses)*[2]. The use of zinc oxide as a wood preservative was previously re-evaluated (RVD2011-06) and is not considered in this re-evaluation decision.

No comments were received during the consultation period. Therefore, this decision is consistent with the proposed re-evaluation decision stated in PRVD2017-17, which lists all data used as the basis for the re-evaluation decision.

Regulatory Decision for Zinc Oxide (Swimming Pool and Spa Uses)

The PMRA has completed the re-evaluation for zinc oxide. Under the authority of the *Pest Control Products Act*, the PMRA is granting continued registration of products containing zinc oxide for swimming pool and spa uses for sale and use in Canada. An evaluation of available scientific information found that uses of zinc oxide products for swimming pool and spa uses do not present unacceptable risks to human health or the environment when used according to the conditions of registration, including amended label directions. Label amendments, as summarized below and listed in Appendix II, are required for all end-use products. No additional data are requested at this time.

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1 "Decision statement" as required by subsection 28(5) of the *Pest Control Products Act*.

2 "Consultation statement" as required by subsection 28(2) of the *Pest Control Products Act*.

Risk Mitigation Measures

Registered pesticide product labels include specific direction for use. Directions include risk mitigation measures to protect human health and the environment and must be followed by law.

The following label amendments are included as part of the re-evaluation.

- Storage label statements
- Disposal label statements
- Environmental label statements

Next Steps

To comply with this decision, the required mitigation measures must be implemented on all products labels sold by registrants no later than 24 months after the publication date of this decision document. Appendix I lists the products containing zinc oxide for swimming pool and spa uses that are registered under the authority of the *Pest Control Products Act*.

Other Information

Any person may file a notice of objection[3] regarding this decision on zinc oxide within 60 days from the date of publication of this Re-evaluation Decision. For more information regarding the basis for objecting (which must be based on scientific grounds), please refer to the Pesticides and Pest Management portion of Canada.ca (Request a Reconsideration of Decision) or contact the PMRA's Pest Management Information Service.

[3] As per subsection 35(1) of the *Pest Control Products Act*.

Appendix I Registered Zinc Oxide Products (Swimming Pool and Spa Uses) in Canada

Table 1 Registered Zinc Oxide Products (Swimming Pool and Spa Uses) in Canada[1]

Registration Number	Marketing Class	Registrant	Product Name	Formulation Type	Guarantee
24425	Technical	American Chemet Corporation	Zinox 350 Technical	Dust	76% Zinc Oxide
32764	Technical	Sani-Marc Inc.	Sani Marc Zinc Oxide	Solid	79.5% Zinc Oxide
30786	Domestic	Alliance Trading Inc.	Eazee Pucks	Tablets	0.4% Zinc Oxide 89.6% Trichloro-s-triazinetrione
28201	Domestic	Groupe D'Achat M.P. Inc.	Tablettes Supreme	Tablets	0.4% Zinc Oxide 89.6% Trichloro-s-triazinetrione
32640	Domestic	Groupe D'Achat M.P. Inc.	Pisci-Z	Tablets	0.4% Zinc Oxide 89.6% Trichloro-s-triazinetrione
32215	Domestic	I.P.G./G.P.I. Independent Pool Group Inc.	IPG Aqua Foot	Tablets	0.4% Zinc Oxide 89.6% Trichloro-s-triazinetrione
25115	Domestic	Sani-Marc Inc.	Super "Z" Pucks	Tablets	0.4% Zinc Oxide 89.6% Trichloro-s-triazinetrione
26680	Domestic	Sani-Marc Inc.	Aqua Foot	Tablets	0.4% Zinc Oxide 89.6% Trichloro-s-triazinetrione
31747	Domestic	Sani-Marc Inc.	Sani-Marc Spa Zinc	Tablets	0.4% Zinc Oxide 89.6% Trichloro-s-triazinetrione
32163	Domestic	Sani-Marc Inc.	Tri Zinc Tab	Tablets	0.4% Zinc Oxide

Registration Number	Marketing Class	Registrant	Product Name	Formulation Type	Guarantee
					89.6% Trichloro-s-triazinetrione
32877	Domestic	Sani-Marc Inc. D.B.A. Calypso	Square Z	Tablets	0.4% Zinc Oxide 89.6% Trichloro-s-triazinetrione
26411	Domestic	Sani-Marc Inc. D.B.A. Purity	Super Z	Tablets	0.4% Zinc Oxide 89.6% Trichloro-s-triazinetrione
28200	Domestic	Sani-Marc Inc. D.B.A Kool Kit	Kool Tab	Tablets	0.4% Zinc Oxide 89.6% Trichloro-s-triazinetrione
31585	Domestic	Trevi	Tech-Zen	Tablets	0.4% Zinc Oxide 89.6% Trichloro-s-triazinetrione
32971	Domestic	Sani-Marc Inc.	TCCA Carbonate Zinc	Tablets	0.4% Zinc Oxide 45% Trichloro-s-triazinetrione
32975	Domestic	Sani-Marc Inc.	TCCA Borate Zinc	Tablets	0.4% Zinc Oxide 86.4% Trichloro-s-triazinetrione
32983	Domestic	Sani-Marc Inc.	TCCA Borate Zinc Spa	Tablets	0.4% Zinc Oxide 86.4% Trichloro-s-triazinetrione
32979	Domestic	Sani-Marc Inc.	TCCA Alun Zinc	Tablets	0.4% Zinc Oxide 63% Trichloro-s-triazinetrione
32985	Domestic	Sani-Marc Inc.	TCCA Alun Zinc Spa	Tablets	0.4% Zinc Oxide

Registration Number	Marketing Class	Registrant	Product Name	Formulation Type	Guarantee
					63% Trichloro-s-triazinetrione
32982	Domestic	Sani-Marc Inc.	TCCA-Na DCC- Zinc	Tablets	0.4% Zinc Oxide 77.5% Trichloro-s-triazinetrione and sodium dichloro-s-triazinetrione

[1] as of 4 April 2018, excluding discontinued products or products with a submission for discontinuation

Appendix II Label Amendments for Products Containing Zinc Oxide (Swimming Pool and Spa Uses)

The label amendments presented below do not include all label requirements for individual end-use products, such as first aid statements, disposal statements, precautionary statements and supplementary protective equipment. Information on labels of currently registered products should not be removed unless it contradicts the label statements provided below.

The following label statements are required:

I) The following statements must be included in a section entitled **STORAGE**:

"To prevent contamination store this product away from food or feed."

II) The following statements must be included in a section entitled **DISPOSAL**:

"DO NOT reuse the empty containers. Dispose in household garbage. Unused or partially used products should be disposed at provincially or municipally designated hazardous waste disposal sites."

III) The following statements must be included in a section entitled **DIRECTIONS FOR USE**:

"DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes."